Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work : Improvements to roads and drains of Chikkasandra Janata Colony cross roads in ward No12 Shettyhalli, in Shettyhalli Sub Division.

Est .Cost Rs. 50.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. **P. No. 142/ It No. 19.1/ PWD SR 2016-17**								
	5th cross road chiksandra colony	Cum	1	116.00	1.20	1.00	139.20		
	Mian road		1	57.00	1.20	1.00	68.40		
	cross road		1	230.00	1.20	1.00	276.00		
	for Cds		2	113.00	1.20	1.00	271.20		
			2	6.80	1.65	1.20	26.93		
	Basic Rate	**82.00**					**781.73**	175.96	**137553.00**
	add loading & unloading charges	68.00							
	lead for 5 km=5*1.28*2.5	16.00							
	Total	166.00							
	add AW 6%	9.96							
		175.96							
2	KSRB 4-1.3 : **Providing and laying in position plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 **Page No.12/ Item No. 4.3/ PWD SR 2016-17**								
	5th cross road chiksandra colony	Cum	1	116.00	1.10	0.15	19.14		
			1	57.00	1.10	0.15	9.41		
	Mian road		1	230.00	1.10	0.15	37.95		
	cross road		2	113.00	1.10	0.15	37.29		
	for Cds		2	6.80	1.10	0.15	2.24		

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	Basic Rate	4867.00					106.03	5159.02	547005.73
	Add A.W 6%	292.02							
	Total	**5159.02**							
	KSRB 4.2.2 : **Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 **,P.13/I.4.11/ PWD SR 2016-17**									
	5th cross road chiksandra colony	Cum	1	116.00	0.90	0.15			
	Mian road		1	57.00	0.90	0.15	7.70		
	cross road		1	230.00	0.90	0.15	31.05		
	for Cds		2	113.00	0.90	0.15	30.51		
	for drain side wall		2	6.80	0.90	0.15	1.84		
	5th cross road chiksandra colony	Cum	2	116.00	0.15	0.70	24.36		
	Mian road		2	57.00	0.15	0.70	11.97		
	cross road		2	230.00	0.15	0.70	48.30		
	for Cds		4	113.00	0.15	0.70	47.46		
	deck slab		4	6.80	0.30	0.70	5.71		
			2	6.80	1.50	0.23	4.69		
	Basic Rate	6011.00					**213.59**	6371.66	**1360891.00**
	Add A.W 6%	360.66							
	Total	**6371.66**							
4	KSRB 4-6.4 : **Providing and removing centering, shuttering**, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.15/ Item No. 4.31/ PWD SR 2016-17**									

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	5th cross road chiksandra colony	sqm	4	116.00		0.75	348.00		
			4	57.00		0.75	342.00		
	Mian road		4	230.00		0.75	1380.00		
	cross road		8	113.00		0.75	678.00		
	for Cds		8	6.80		0.75	20.40		
	deck slab		2	6.80		0.70	19.04		
		Basic Rate	293.00				**2787.44**	310.58	**865723.00**
		Add A.W 6%	17.58						
		Total	**310.58**						
5	KSRB 4.9.2: **Providing T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars **Fe 500. Page No. 17 / Item No. 4.46.2 / PWD SR 2016-17**									
	For Side Walls	Tonnes		208.89	X	65kgs	13578.05		
	For Covering			4.69	X	80kgs	375.36		
							13953.41		
							say		
		Basic Rate	60607.00				**13.95**	64243.42	**896414.00**
		Add A.W 6%	3636.42						
		Total	**64243.42**						
6	**Providing & laying reinforeced cement precast slabs** of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
	5th cross road chiksandra colony	sqm	1	116.00		0.90	104.40		
			1	57.00		0.90	51.30		
	Mian road		1	230.00		0.90	207.00		
	cross road		2	113.00		0.90	203.40		
	Approved Rate of Precast	**1680.00**					**566.10**	1680.00	**951048.00**
		1698.00							

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	Sub Total								4758634.73
	Add.Tender Primium 5%								237931.74
	Miscellaneous and unforeseen charges								3433.53
								Total	5000000.00

(Rupees Fifty Lakhs only)

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. EE/DD/A5/143/17-18 ದಿನಾಂಕ : 26.9.17
ರೂ. Rs. 50.00 lakhs (Fifty lakhs only).
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.CE/TS/189/17-18 ದಿನಾಂಕ : 25/09/17
ರೂ. Rs.50.00 lakhs. only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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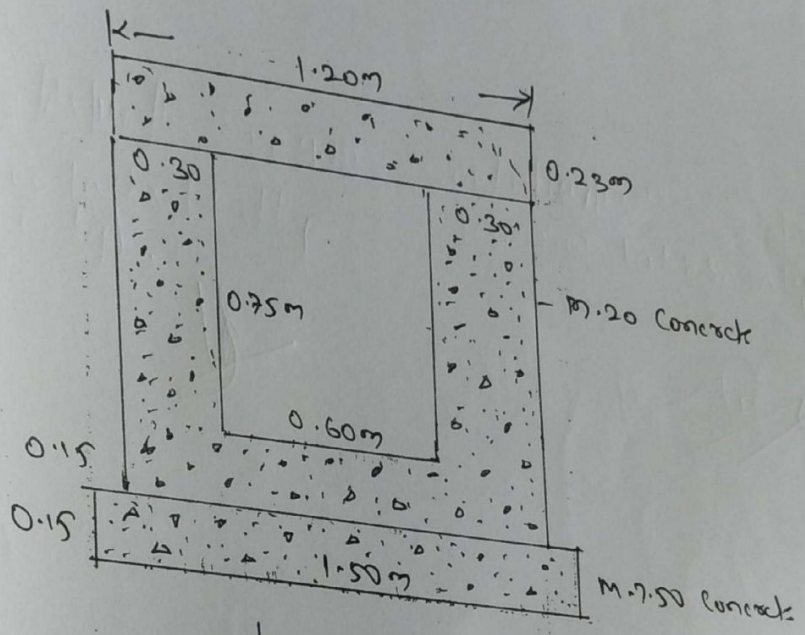
Name of Work : Imp to Roads and drains of Chikkasandra Jonatha colony Cross-Roads in Ward no.12, Shettyhalli Sub-Division

DB. Code : 012-18-000012



C/S of CULVERT

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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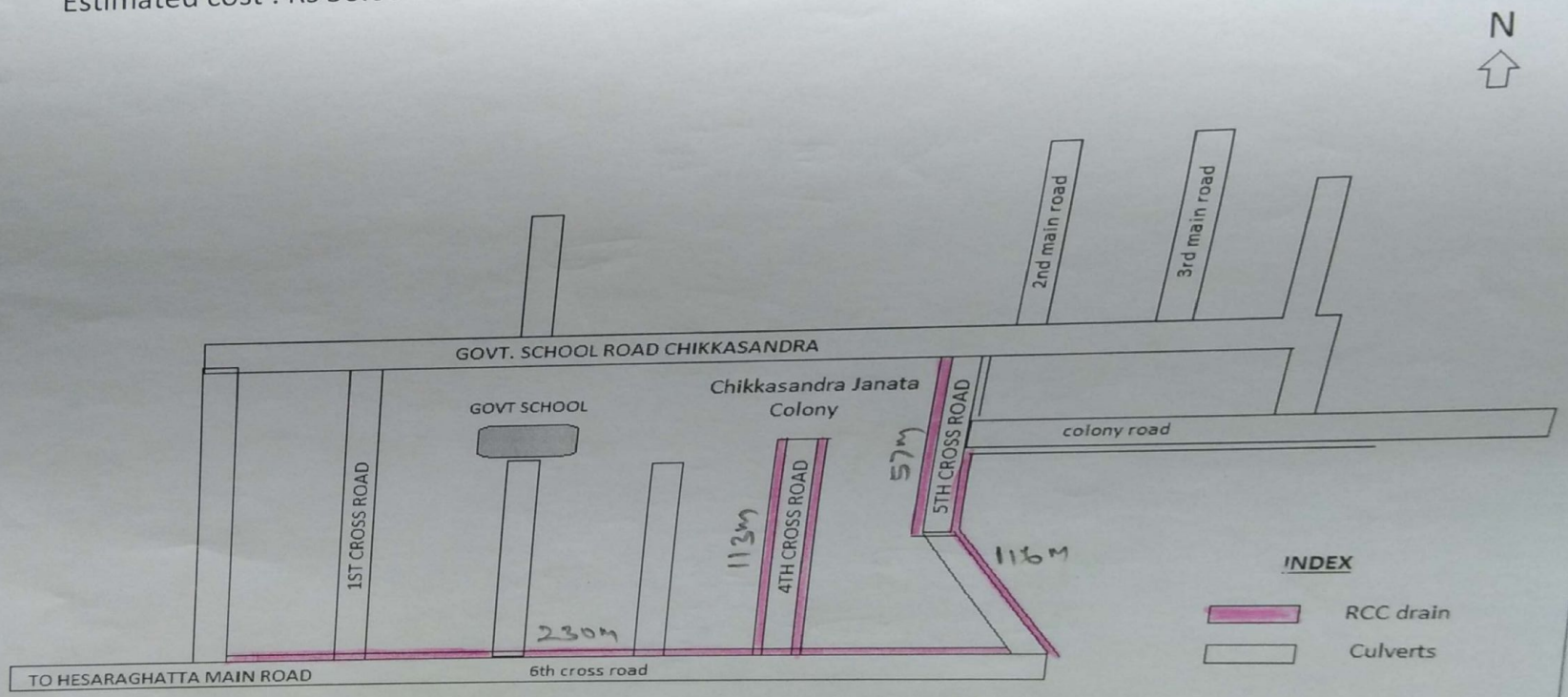
Name of Work : Improvements to roads and drains of Chikkasandra Janata Colony cross roads in ward No12 Shettyhalli, in Shettyhalli Sub Division.

Estimated cost : Rs 50.00 Lakhs

Job No 012-18-000012 (P code-1878)



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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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